

Ship Name: **CHALLENGER**
Ship Type: **General Dry Cargo Ship**
Flag: **Antigua and Barbuda**
IMO Number: **9213935**
Date of Action: **4/5/2021**
Action Taken: **Detention**
Port: **Corpus Christi, Texas**
Unit: **Sector Corpus Christi**

Recognized Org: **RINA Services S.p.A.**
Recognized Security Organization (RSO):
Recognized Org (RO) Related: **Not Class Related**
Relevant Certificates: **Safety Construction**
Organization Related to Detention: **RINA Services S.p.A.**
Ship Management: Owners, Operators, or Managers
Interscan Schiffahrtsgesellschaft m.b.h
MS "Challenger" Interscan UG
Charterers
Intermarine Inc

Deficiencies: Code - Category
07126 - Oil accumulation in engine room

Description
The machinery, boilers and other pressure vessels, associated piping systems shall be of a design and construction adequate for the service for which they are intended and shall be so installed and protected as to reduce to a minimum any danger to persons on board, due regard being paid to moving parts, hot surfaces and other hazards. The design shall have regard to materials used in construction, the purpose for which the equipment is intended, the working conditions to which it will be subjected and environmental conditions on board. The PSCO discovered the following hazardous conditions in the vessel's machinery spaces: Missing and oil soaked lagging found on fuel line leading to main engine, starboard side, at bottom deck of engine room. Oil soaked electrical equipment on main engine to include: control box, oil mist detectors, and governor. HFO manifold in engine room, bottom deck, found with oil soaked lagging. Found oil soaked lagging throughout purifier space and purifier equipment. Oily rags and buckets thrown into ship's framing, adjacent to fuel oil purifier space. Drained fuel oil from fuel tank in emergency generator space, stored using 5 gallon container in the space.

13199 - Other (machinery)

The machinery, boilers and other pressure vessels, associated piping systems shall be of a design and construction adequate for the service for which they are intended and shall be so installed and protected as to reduce to a minimum any danger to persons on board, due regard being paid to moving parts, hot surfaces and other hazards. The design shall have regard to materials used in construction, the purpose for which the equipment is intended, the working conditions to which it will be subjected and environmental conditions on board. The PSCO discovered unapproved and improper installation of the following equipment in the vessels machinery spaces: Unapproved and improperly rigged main engine governor electrical control box installed on main engine port side. Main engine exhaust gas temperature sensor improperly rigged with temporary electrical connection. Ships service generators contain loose and exposed wiring for fuel alarms. Air start control box for ship service generator found with temporary zip-tie connections.

09209 - Electrical

Electrical installations shall be such that the safety of crew and ship from electrical hazards will be ensured. The PSCO discovered the following electrical hazards throughout the vessel: Daisy chained and unapproved electrical connections for equipment installed in engine control room. Sea Water #2 cooling pump for main engine found with loose wires and dangerous electrical connections. Emergency generator panel found with hazardous openings on the switchboard. Hazardous electrical connections for installed equipment found in crew laundry. Explosion proof lighting found without grounding cable. Navigation equipment electrical connections open, and not installed in a panel. Several unapproved connections and electrical splices found on Navigation Bridge. Broken lighting fixtures and open light fixtures in engine room, lower deck. Ion generator pump, for recirculation of sea chest, improperly fitted and tied into ship's electrical system. Unapproved additional lighting found installed in generator space, tied into ships electrical system inappropriately. Unapproved electrical breaker supplied unapproved and improvised heater tied into provisions cooling pump breaker, located in ECR.

11199 - Other (life saving)

Before the ship leaves port and at all times during the voyage, all life-saving appliances shall be in working order and ready for immediate use. The PSCO discovered the following: Emergency light fixtures at lifeboat and rescue boat embarkations, as well as forward port side cargo hold main deck emergency fixture, found inoperable. Public address system at embarkation stations for lifeboat and rescue boat found improperly installed and inoperable. Lifejackets not stowed in forward lifejacket storage box as designated by lifesaving plan.

07105 - Fire doors/openings in fire-resisting division

The fire resistance of doors shall, as far as practicable, be equivalent to that of the division in which they are fitted. The PSCO discovered the following: Fire door #726 into crew and officer's mess from passageway, not listed on fire control plan. Multiple fire doors throughout the stairway, as well as aft fire door to aft upper deck, found unable to latch properly.

07105 - Fire doors/openings in fire-resisting division

In addition to complying with the specific provisions for fire integrity of bulkheads and decks mentioned elsewhere in this part, the minimum fire integrity of bulkheads and decks shall be as prescribed in tables 44.1 and 44.2. "A" class boundary cable penetration from steering space to provision store, found with wasted fire proofing, not performing as listed "A-15" according to table.

07111 - Personal equipment for fire safety

For each breathing apparatus a fireproof lifeline of sufficient length and strength shall be provided. Firefighter lifeline, found not to be of approved fire-proof type.

15109 - Maintenance of the ship and equipment

Objective evidence discovered in an expanded ISM exam revealed the following non-conformities; the vessel failed to fully implement the requirements of the SMS as evident by deficiencies #01 through #07. An external audit is required.

